

WHAT IS CLAIMED IS

1. A coextrusion tie, which comprises:
 - 5 to 35% by weight of a polymer (A) itself
5 composed of a blend of 80 to 20% by weight of
a metallocene polyethylene (A1) with a
density of between 0.863 and 0.915 and of 20
to 80% by weight of a non-metallocene LLDPE
polyethylene (A2) with a density of between
10 0.900 and 0.950, the blend of polymers (A1)
and (A2) being grafted by a grafting
monomer chosen from unsaturated carboxylic
acids and their derivatives, the content of
the grafting monomer in said blend being
15 between 30 and 100 000 ppm, preferably
between 600 and 5 000 ppm;
 - 95 to 65% by weight of metallocene
polyethylene (B) homo- or copolymer, the
comonomer of which comprises 3 to 20 carbon
20 atoms, preferably 4 to 8 carbon atoms, the
density of which is between 0.863 and 0.915
and the MFI, melt flow index, of which,
measured under 2.16 kg at 190°C according to
Standard ASTM D 1238, is between 0.5 and 30,
25 preferably between 3 and 15, g/10 min;
the total forming 100%, the blend of (A) and (B)
being such that its MFI is between 0.1 and 15,
preferably between 1 and 13, g/10 min.
- 30 2. The tie as claimed in claim 1, the adhesive
strength of which is increased by 5 to 50% between
the time $t=0$ corresponding to its application
immediately after its extrusion and the time $t=8$
days.
- 35 3. The tie as claimed in claim 1, wherein the
grafting monomer is maleic anhydride.
4. The tie as claimed in claim 1, which additionally

comprises an ethylene/alkyl (meth)acrylate copolymer (C).

5. The tie as claimed in claim 1, wherein the MFI of A is between 0.1 and 5 g/10 min (ASTMD 1238 at 190°C under 2.16 kg).
6. A multilayer structure, which comprises a layer (L) comprising the tie of any one of the preceding claims and a layer (E) directly attached to one of the two faces of said layer (L), said layer (E) being a polyolefin or polyester layer.
7. The multilayer structure as claimed in claim 6, wherein a layer (F) is directly attached to the second face of the layer (L), the layer (L) being sandwiched between the layers (E) and (F), said layer (F) being either a polymer layer, the polymer being chosen from the group of the polyamides, saponified copolymers of ethylene and of vinyl acetate (EVOH), polyolefins and polyesters, or a metal layer.
8. The multilayer structure as claimed in claim 7, wherein the layer (E) is a polyester copolymer layer and the layer (F) is an EVOH layer.
9. An object, which comprises a structure as claimed in claim 6.
10. The object as claimed in claim 9, which is a bag, a bottle, a container, a pipe or a hose.
11. Use of the structure as claimed in one of claim 6 for manufacturing films or sheets.